

NORTH CAROLINA FEDERAL DISCRETIONARY PROJECTS

Number	Project Name	Applicant	Round	Urban/Rural	Project Type	Modal Administration	Project Description	Amount
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NCDOT Federal Discretionary Grants Awards

1	I-85 Corridor Improvement and Yadkin River Crossing	North Carolina Department of Transportation	TIGER 2009	Urban	Road	FHWA	The project is located midway between Greensboro and Charlotte, NC. on I-85. It is the most direct interstate route between Atlanta, GA and Richmond, VA and carries a heavy volume of truck traffic. This portion of I-85 is one of the last remaining substandard segments between the South Carolina border and Durham, NC and a significant interstate bottleneck. This project will reconstruct seven miles of I-85, including highway, bridge and rail infrastructure, with replacement of three major, deteriorating structures over the Yadkin River, includes multi-modal improvements that enable an immediate 45 percent increase in freight and passenger rail speeds in the area.	\$10,000,000.00
2	The Northeastern NC Rail Improvement Project	North Carolina Department of Transportation	TIGER 2014	Rural	Freight Rail	FRA	This project will rehabilitate portions of a 52 mile rail corridor to allow for the operation of 286k lb rail cars along its length, including installation of new rail. rehabilitation of four highway grade crossings, and roadbed resurfacing.	\$5,800,000.00
3	The Piedmont Study	North Carolina Department of Transportation	TIGER 2014 Planning	Urban	Passenger Rail	FRA	This project begins a multi-modal corridor study to improve transit connections and multi-modal linkages along the Carolinian and Piedmont rail lines.	\$200,000.00
4	Geosynthetic Reinforced Soil-Integrated Bridge System	North Carolina Department of Transportation	AID 2015	Rural	Bridge	FHWA	The North Carolina Department of Transportation (NCDOT) will replace a bridge in Anson County, SR 1600 (Rocky Mtn. Church Road) over Big Branch Creek, with a one span cored slab superstructure and a Geosynthetic Reinforced Soil-Integrated Bridge System (GRS-IBS) substructure. The goal is to replace an existing bridge faster and at a lower cost using a non-traditional foundation type.	\$400,000.00
5	Blue Ridge Road Grade Separation and Intersection Improvements	North Carolina Department of Transportation	TIGER 2017	Urban	Road	FHWA	The project eliminates an at-grade crossing by lowering the Blue Ridge Road from its existing grade to pass under the North Carolina Railroad (NCRR) right-of-way. It also reconfigures existing nearby intersections and adjacent access roadways.	\$19,900,000.00

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6	I-95/U.S. 70 Innovative Technology and Rural Mobility Corridor Improvements, North Carolina Department of Transportation	North Carolina Department of Transportation	INFRA 2017	Rural	Road	FHWA	The Project will make roadway improvements along Interstate 95, upgrade U.S. 70 to Interstate 42 between Interstate 40 and the Port of Morehead City, and install 300 miles of fiber optic cable along both highways to expand access to broadband and telecommunication access.	\$147,264,000.00
7	GREATTER - Rural Bridge Program	North Carolina Department of Transportation	BUILD 2018	Rural	Bridge/Road	FHWA	The Project will reconstruct 77 rural bridges located in 17 of the most rural and economically depressed counties across the state, potentially adding broadband capability to some of the structures as they are rebuilt. The Project directly addresses the dual challenge of improving physical and digital connectivity in North Carolina's rural communities.	\$23,000,000.00
8	I-95 Resiliency and Innovative Technology Improvements	North Carolina Department of Transportation	BUILD 2019	Rural	Road	FHWA	The project includes several improvements along I-95 and connected evacuation routes including widening approximately 23.7 miles of I-95 from exit 13 to MM 36.7 between Lumberton and Fayetteville to 8 lanes; rebuilding the overpasses and interchange at exit 19 near Lumberton; raising low-lying portions of the interstate and two bridges between exits 17 and 19; and adding water gauges at strategic locations throughout the corridor.	\$22,500,000.00
9	Multimodal Connected Vehicle Pilot	North Carolina Department of Transportation	ATCMTD 2019	NA	NA	FHWA	The Project will attempt to develop and deploy vehicle-to-vehicle, vehicle-to-infrastructure, and automated vehicle applications, hopefully, reducing delays, improve the transportation system performance and throughput, and provide for the efficient and reliable movement of people goods, and services.	\$2,117,750.00
10	Accelerating Rural Road Safety Using AI to Unlock Predictive Insights from Videolog Data	North Carolina Department of Transportation	Safety Data 2019	NA	NA	USDOT	The project will develop an artificial intelligence (AI) tool with an accompanying web-based data visualization for automated analysis and extraction of roadside features on rural roads from existing video data.	\$384,500.00

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11	Corridor Opportunities for Rural Efficiency and Safety Improvement Project (CORESI)	North Carolina Department of Transportation	INFRA 2020	Rural	Road	FHWA	The Project will complete a series of highway improvements on the US 74 corridor in southern North Carolina between Asheville and I-40 near Wilmington. The project includes intersection-to-interchange upgrades and the completion of a major bypass around Shelby. The project also includes the conversion of four signalized intersections on US 74 between I-95 and I-140.	\$25,000,000.00
12	Carbon Fiber Reinforced Polymer Prestressing Strand Technology	North Carolina Department of Transportation	AID 2019	Rural	Bridge	FHWA	The North Carolina Department of Transportation (NCDOT) will replace bridges #73 and #96 to Harker's Island in Carteret County utilizing Carbon Fiber Reinforced Polymer Prestressing Strand Technology.	\$1,000,000.00

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Other NC Federal Discretionary Grants Awards

1	Asheville NC East Riverside Sustainable Multi-Modal Neighborhood	City of Asheville, North Carolina	TIGER 2010 Planning	Urban	Planning	FTA	The project will integrate existing master plans and revise codes and regulations to create sustainable development. These plans will be demonstrated in the River District, where affordable housing, jobs and a multi-modal transportation network will be created. A Land-Bank will be created to support affordable housing.	\$850,000.00
2	Lexington Multi-Modal Transportation Station Area Plan	City of Lexington, North Carolina	TIGER 2010 Planning	Rural	Planning	FRA	The project will plan for a multi-modal transit station to connect Winston-Salem and surrounding municipalities to the Raleigh-Charlotte rail corridor planned for service in 2015. The station will serve as a passenger rail stop and a hub for bus, taxi, bicycle and pedestrian networks and increase connectivity for residents of a city with an unemployment rate of 18%.	\$700,000.00
3	LYNX Blue Line Capacity Expansion	City of Charlotte, North Carolina	TIGER 2011	Urban	Transit	FTA	The project will expand capacity on the southern corridor of the LYNX Blue Line Light Rail in order to improve service during peak hours and for special events. A TIGER III grant would allow the Charlotte Area Transit System install additional power substations and to extend platforms at three stations – I-485/South Blvd, Third Street, and Seventh Street Stations – in order fully accommodate demand from both commuters and travelers to major arenas, stadia, and the convention center in the City of Charlotte.	\$18,000,000.00
4	Raleigh Union Station Phase I	City of Raleigh, North Carolina	TIGER 2012	Urban	Rail	FRA	TIGER funds will support intercity passenger service in downtown Raleigh, North Carolina. The planned Southeast High Speed Rail Line will provide expanded service to intercity and commuter rail passengers, improve freight operations, and add local and intercity bus service. The project will also enhance safety by improving track signals and access to station platforms.	\$21,000,000.00

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5	Goldsboro Main Street Revitalization	City of Goldsboro, North Carolina	TIGER 2013	Urban	Road	FTA	TIGER funds will be used to complete a package of transportation projects in the Goldsboro downtown area, including the Gateway Transit Authority Transfer Facility, a Walnut Street Connector Block, and streetscaping improvements around Union Station and Center Street. The project will reduce a large six-lane highway to a more traditional and appropriately scaled small town boulevard with wide sidewalks and bike lanes, in order to improve safety and livability.	\$10,000,000.00
6	Raleigh Union Station Phase 1B	City of Raleigh, North Carolina	TIGER 2013	Urban	Rail	FRA	TIGER funds will construct a full multi-modal station to support transit, commuter, and intercity rail service in downtown Raleigh. Funds will extend the platform to full functional length to serve passenger rail. Creation of a vehicle underpass will eliminate an at-grade crossing. Additional work will include track improvements adjacent to the station and signal work.	\$10,000,000.00
7	Asheville East of the Riverway Multimodal Network	City of Asheville, North Carolina	TIGER 2014	Urban	Road	FHWA	The Asheville East of the Riverway Multimodal Network project will complete an interconnected six mile network of pedestrian, bicycle, roadway, and streetscape improvements. The project includes intersection improvements that will improve traffic flow, improve intersection geometry for truck movements and improve safety in the corridor.	\$14,600,000.00
8	Duke Belt Line Trail Master Plan	City of Durham, North Carolina	TIGER 2014 Planning	Urban	Bicycle-Pedestrian	FHWA	The Duke Belt Line Trail will tie directly into the Durham Station Transportation Center and the Triangle's bus and rail system, paralleling the NC 147 and NC 540 freeways connecting three counties via freeway crossings and neighborhoods north of downtown seamlessly to the regional mobility network.	\$222,700.00

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9	U.S. 301: Road to Opportunity	City of Wilson, North Carolina	TIGER 2015	Rural	Road	FHWA	The U.S. 301: Road to Opportunity Project will construct multimodal facilities along the U.S. 301 corridor, including road resurfacing and rehabilitation, storm water improvements, improvements to major intersections, sidewalk gap fill projects on connecting streets, and an extension of a shared-use path.	\$10,000,000.00
10	Charlotte Gateway Station Track and Safety Improvements	City of Charlotte	TIGER 2015	Urban	Passenger Rail	FRA	The Charlotte Gateway Station Track and Safety Improvements Project will remove existing track infrastructure, construct bridge and retaining structures, install station tracks, and install signals to facilitate the Charlotte Gateway Station.	\$25,000,000.00
11	Goldsboro Main Street Revitalization Through Transportation Investment II	City of Goldsboro, North Carolina	TIGER 2016	Urban	Bicycle-Pedestrian	FHWA	The project will complete six blocks of Center Street streetscape, improve the Center Street pedestrian plaza, implement a Wayfinding Signage System Plan, and construct a concourse for the Goldsboro Gateway Transit Center.	\$5,000,000.00
12	Hickory Reconnected Through Transportation Infrastructure Investment	City of Hickory, North Carolina	BUILD 2018	Rural	Bicycle-Pedestrian	FHWA	The project will develop an approximately 1.7-mile bicycle and pedestrian trail and a bridge over US 321, and construct a 1.2-mile complete streetscape loop in downtown Hickory that will add designated space for bicycles and pedestrians and concurrently incorporate underground fiber cable systems. Total project cost:\$22,200,000.	\$17,092,608.00
13	Raleigh Union Station Phase II: RUS Bus	City of Raleigh, North Carolina	BUILD 2018	Urban	Transit	FTA	The project will construct a new bus facility and structured parking to create a multimodal transit center in downtown Raleigh. The project includes an off-street bus transfer facility, pedestrian bridge, BRT platform and other BRT infrastructure, on-street pedestrian improvements and wayfinding, traffic signal prioritization, and new rolling stock.	\$20,000,000.00

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14	Silicon Shores East-West Connector Road Project	Town of Mooresville, North Carolina	BUILD 2019	Urban	Road	FHWA	The project will construct three connector roads near I-77, including: approximately 4,300 linear feet of four-lane divided highway (the "East West Connector"), approximately 2,368 linear feet of three-lane divided highway (the "RL West Connector"), and approximately 2,298 linear feet of three-lane divided highway (the "Transco Connector"). Total project cost: \$21,730,195.	\$13,609,131.00
15	Transportation Accessibility, Safety and Connectivity (TASC) Project	City of Greenville, North Carolina	BUILD 2019	Rural	Road	FHWA	The project will construct or reconstruct a network of vehicular, non-vehicular, and multimodal infrastructure in and around downtown Greenville including roadway reconstruction and intersection realignment and upgrades on West 5th Street, and a series of new and upgraded off-street multi-use paths that integrate with existing paths, and creating a continuous multi-use path network around the urban core. Total project cost: \$24,000,000.	\$15,000,000.00
16	Lexington Train Station	City of Lexington, North Carolina	BUILD 2020	Urban	Road	FHWA	The project constructs a multimodal passenger rail and bus station in Lexington's Depot District, replaces the 7th Avenue atgrade rail crossing with a grade-separated rail crossing at 5th Avenue, and makes track improvements between the two components. Total project cost \$40,910,534.	\$24,960,534.00
17	Pembroke Transportation Investment for Revitalization	Town of Pembroke, North Carolina	BUILD 2020	Rural	Road	FHWA	This project will create a network of complete streets to connect the downtown to the University of North Carolina at Pembroke to the west and the headquarters of the Lumbee Tribe to the east. The project includes the installation of dedicated two-way left turn lanes on NC Highway 711 and approximately 12,400 linear feet of bike and pedestrian pathways. Street improvements will be made in the center of the historic downtown, including replacement of deteriorated infrastructure, re-location of overhead utility lines, installation of lighting and landscaping improvements, crosswalks, ramps, bike lanes, and new sidewalks. Total project cost: \$6,690,517.	\$5,262,618.00